



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات
لم ترد بالأصل

ultrasound Evaluation of Developmental Dysplasia of the Hip

Thesis

Submitted for partial fulfillment of Master Degree in
Radiodiagnosis

Presented by

Hadeel Mohammed Saife El Dien

M.B.B.Ch

Under the supervision of

PROF.DR. SAHAR EL MASHAD .

Professor of Radiodiagnosis

Faculty of Medicine, Cairo University

ASSISTANT PROF. DR. KHALID YAKOUT

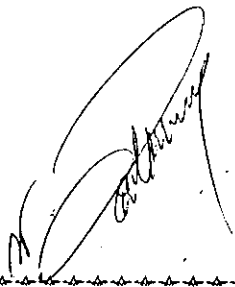
Assistant Professor of Radiodiagnosis

Faculty of Medicine, Cairo University

PROF. DR. MOHAMMED EL SOBKI.

Professor of Orthopedics

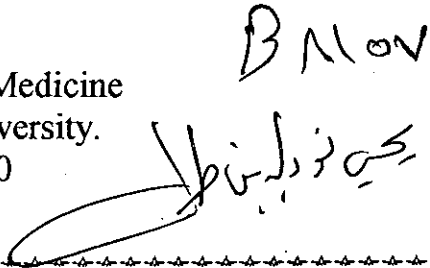
Faculty of Medicine, Cairo University

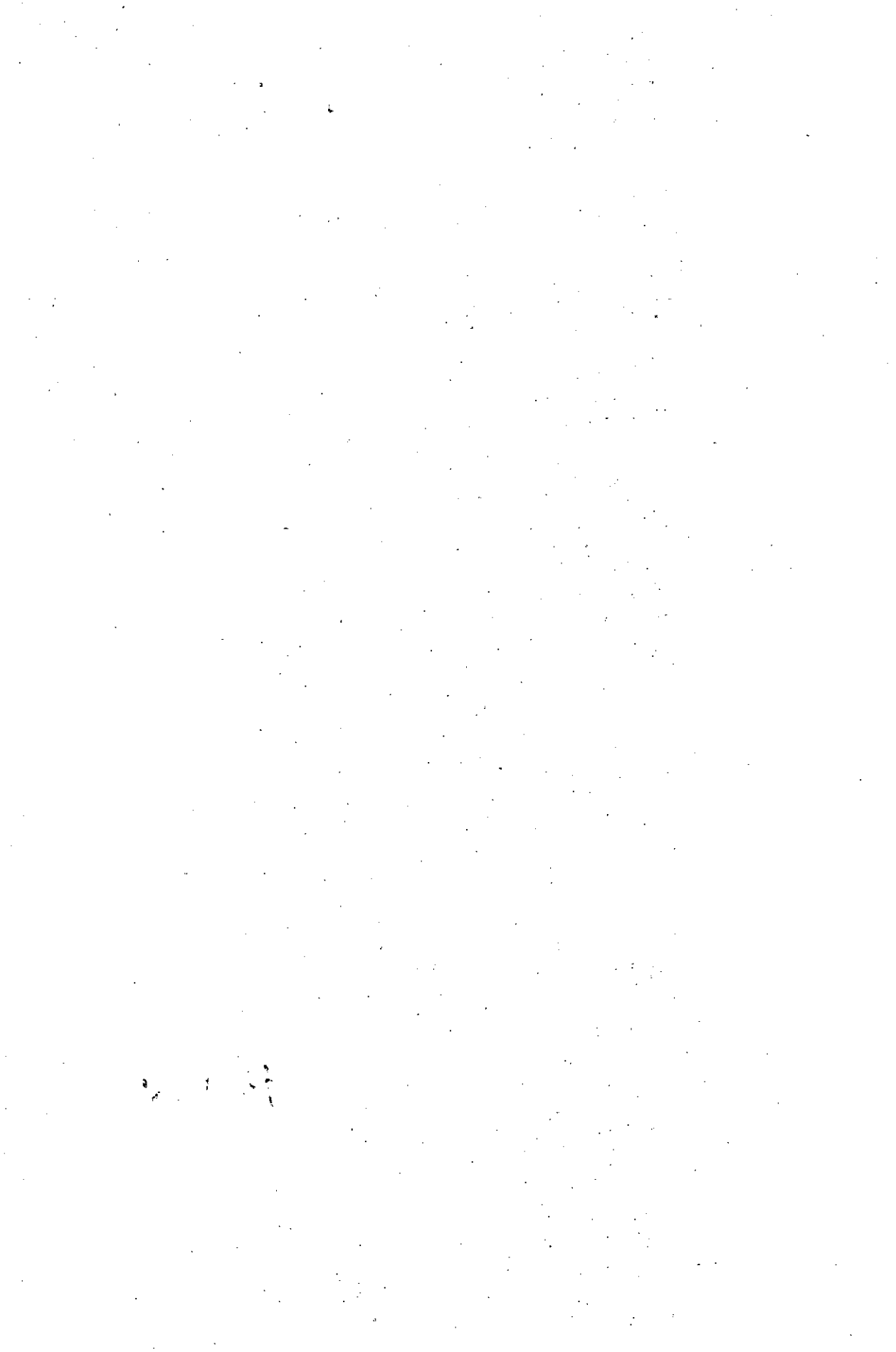


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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وَمَا تَوْفِيقِي إِلَّا بِاللَّهِ

، عَلَيْهِ تَوَكَّلْتُ

صَدَقَ اللَّهُ الْعَظِيمُ

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ABSTRACT

Purpose: Ultrasound is a well-known, sensitive imaging modality of the infant hip that has gained wide acceptance in the past 20 years. In this study, we tried to focus on the important role of the ultrasound examination in the diagnosis of different infant hip abnormalities especially the developmental hip dysplasia. The role of ultrasound in monitoring diseased hips and neonatal hip screening is also explained.

Patients: This study included 181 patients (their age's range is 1 day – 9 years). 108 normal babies were examined as normal case control, 47 patients had symptoms suggestive of dysplasia and 26 patients had painful hips.

Results: - Examination of the control group revealed high percentage of immature hips that needed follow up.

- Examination of the symptomatising patients revealed 28 patients with dysplastic changes. Not all clinically unstable babies were sonographically abnormal. Ultrasound was used successfully in monitoring 6 patients treated by Pavlick harness.

- Examination of the babies with painful hip revealed high percentage of those having septic epiphysitis, all these patients share a common history of previous admission to the neonatal care units.

Conclusion: -Ultrasound could not be used as a general screening method for all newborns. At least it could be used in the screening of high risk babies.

-Ultrasound should be used as a routine method of examining babies with suspected hip instability, especially those with clinical instability. Ultrasound monitoring of hips treated by Pavlick harness is vital for best results.

-The high percentage of septic epiphysitis among babies admitted to the neonatal care units necessitates ultrasound screening of all these babies. Early diagnosis as well as treatment monitoring could be accomplished by ultrasound examination of these babies.

To my family





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